

AMENDMENT(S) TO THE SPECIFICATION

Please replace the paragraph beginning at page 4, line 7, with the following rewritten paragraph:

Reader 20 represented in a sectional view in Fig. 2 comprises, in a cylindrical metallic sleeve 7 having a relatively thin metallic wall 8, a coil 9 associated with a non-represented capacitor and resistor to form the antenna circuit. A highly permeable ferrite element 11 influences the shape of the magnetic field and favors radiation towards the front of the reader through the front plate of the metallic wall 8 of the enclosure. Electronic circuit 6, that includes a reception circuit 21 and a differentiating filter 22, with electric cable 12 that is tightly guided through plug 13 of the enclosure realizes the different functions of the reader, i.e.:

- Generation of the carrier wave and modulation of the latter with the control information intended for the transponder.
- Filtering and processing of the signal generated by the transponder.
- Management of the dialog with the transponder and of the communication with the user through a serial interface.